

SCDXC Newsletter



The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world. The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The SCDXC newsletter is published monthly and released to club members around the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles may be republished with recognition of the author and the club. Reuse of copy-righted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Sandi, N6CU at:

qcatgal@mac.com

Club meetings are held on the second Thursday of the month at 7:30 PM except April, June and December.

Please check the club web site for events and details at:

<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

W6AM/R 145.48, (-) PL 100.0

In our February 2016 issue...

From the Desk of the President: Doug Millar, K6JEY	2
Vice President's Corner: Doug Dowds, W6HB.	2
2016 SCDXC Board of Directors.	2
February Guest Speaker.	3
January Meeting Photos	4 - 6
Tidbits	7
DX Standings.	8 & 9
From the Editor.	9
Yuma Hamfest 2016	10
SCDXC Membership Application / Renewal	11
February Calendar of Key Events	12
March Calendar of Key Events.	13
VE Testing Information	14
Visit (and support) our Advertisers	15



2016 Board of Directors

President

Doug Millar K6JEY

Vice President

Doug Dowds W6HB

Treasurer

Jerry Lewine K6QU

Secretary

Kris Jacob KC6TOD

Membership Chair

Mel Hughes K6SY

Past President/Director

George Jacob N6VNI

Director

Joe Locascio K5KT

Director

Sharon Spring K6IRD

Repeater Chair

Chip Angle N6CA

Newsletter Editor

Sandi Sherwood N6CU

Webmaster

Jim Shryne N6DHZ

From the Desk of the President Doug Millar, K6JEY

"We have had an exciting month this month. We had a great meeting with two excellent speakers. Thanks to Arnie Shatz N6HC and David Greenhut N6HD for a great presentation. We had 51 or so in attendance. The raffle was excellent with lots of good prizes. Thanks to Doug Dowds W6HB for doing a great job. The pre-meeting dinner was also full with a large crowd.

On the DX side there are several nice expeditions out and members have been filling in their band spots. Conditions are average, so skill and station design play a factor in our results. Best of luck to everyone.

The Visalia DX convention is coming up in April. Registration is open, so be sure to register as soon as possible. I was at the Convention planning meeting a week ago. I want you to know that this group is working hard at each aspect of the convention to make it the best yet. Keep checking on the website for updates on the arrangements and speakers. For all who like to work DX it is a great event. You get to talk with people with great technical operating skill, people who have been on Dxpeditions, see the latest equipment, and even try out some new gear. You can also win some excellent raffle prizes- maybe even a whole rig! It is a fun time in all respects and I am looking forward to seeing you there.

The February and March meetings are well into final planning stages and we think you will enjoy them, both as a chance to get together and have an interesting speaker. Doug W6HB has been working hard at coming up with great speakers, and I want to thank him for his hard work.

Ok, back to calling the VP8 on 30CW.
73 and 52, Doug K6JEY"

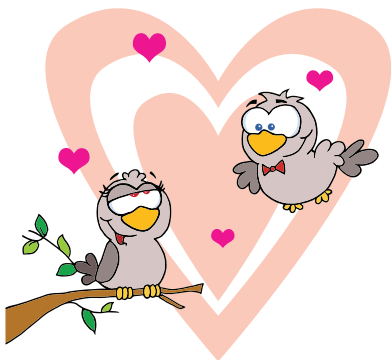
Vice President's Corner Doug Dowd, W6HB

Welcome to February and the month to recognize the love of your life. Let's make sure all the YL's and XYL's attend the 2/11 meeting to be recognized and rewarded.

It was great to see such a great attendance last month for Arnie's and David's presentation on the TX3X DXpedition. Let's have as many or more in February to learn about the least discussed subject in amateur radio -- how to enhance actually hearing the DX. Dr. Bruce Edgar, AG6BJ, of Edgar Horn fame will educate you on speaker designs to optimize your appreciation of music as well as the spoken word. I guarantee that when you get home you will take the salt shaker from your kitchen to your station. Come and learn why Bruce won't let you do that with the new Elecraft speaker!

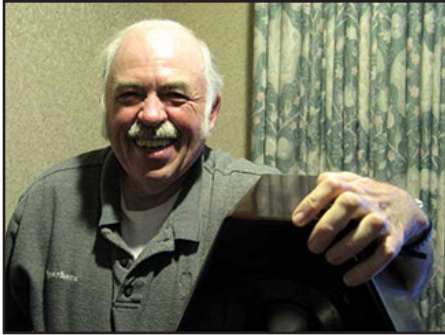
See you 2/11 and now I'll get back to working on your show for March...
73 - Doug - W6HB

Happy Valentine's Day!



February Guest Speaker

Dr. Bruce Edgar AG6BJ Bio



Bruce built his first speaker at age 15 from a 1956 Popular Electronics article. He continued building speakers from magazine articles into the 1980's. Dissatisfied with their compromised performance, he started designing his own speakers, using his physics and engineering experience, and submitting them to Speaker Builder magazine. After several successful design publications, the editor of Speaker Builder awarded Bruce a Contributing Editor position. In 1995, Bruce left aerospace work and started Edgarnhorn which was devoted to high performance horn loudspeakers. From, 1995 to 2007, his speakers were listed in the top 10 at the Las Vegas Consumer Electronics Show. Because of mounting health problems, Bruce retired from full time speaker production in 2008. Looking at new hobby pursuits, he earned his first ham ticket as KJ6DJL in 2009. After operating with a general license on SSB for a year, he was appalled by the poor quality of ham radio speakers. So he started designing his own by trial and error to achieve better voice quality and gain experience. That experience led to the successful development of the Elecraft SP3 speaker.



Development of the Elecraft SP3 Speaker *Dr. Bruce C. Edgar AG6BJ*

The project started with a phone call from David Shoaf, customer support at Elecraft. He told me that Elecraft needed a speaker design to fit in the P3 box. David knew I would be interested because he knew of my speaker design background. I came up with an acoustic transmission line design in a wood box that fit the volume of a P3 cabinet. I demonstrated the transmission line box with several speaker candidates: the K3 3", a HSU 3", and a MISCO 3x5" oval to the Elecraft CEO, Eric Swartz. The 3x5 speaker was clearly superior to the 3" speakers in speech quality and frequency response. Elecraft hired me as a consultant on the basis of the demo. We tried several other 3x5 speakers and selected the best candidate on the basis of its superior uncolored sound. The acoustic transmission line design proved to be difficult to manufacture so the P3 box was tried without the transmission line duct work. The response difference between the two designs proved to be minimal, but the metal P3 box had resonance problems. It required two redesigns of the sheet metal box to eliminate all of the secondary resonances. The Elecraft SP3 speaker was finally introduced at Hamcon, September 2015. The initial reviews have complimented the SP3 on its well damped cabinet design and good sound quality.

The talk will review the physics of loudspeakers. It will also include live sound demos of various trial speakers with accompanying resonance phenomena.

January 2016 Meeting



Photography by
Micheal Berchfold, K6MKL

January 2016 Meeting



Photography by
Micheal Berchfold, K6MKL

January 2016 Meeting



Photography by
Micheal Berchfold, K6MKL



Tidbits

This is the way to spend a Sunday afternoon as love birds by putting up a Cushcraft R-7 vertical antenna for Papa George N6VNI. The two smiling faces are daughter Carolyn W6VNI and my hopeful Micheal K6MKL. They are a wonderful team, and the antenna is up.

Thank you.
Papa George N6VNI



DX Standings as of 01-25-16

DX Standings are calculated by your entries in Club Log. To learn how to use club log and enter your countries see <http://www.scdxc.org/dx-standings.html>

1	K6YUI	130	202	0	313	310	362	331	342	317	326	365
2	W6SR	184	268	0	325	302	351	327	345	286	329	358
3	K6FG	145	240	0	329	328	351	332	339	317	328	355
4	N6RV	71	159	0	279	115	350	187	323	124	291	355
5	W8DX	40	246	0	335	300	348	324	331	269	307	352
6	N6QQ	56	118	0	272	243	344	293	315	234	274	351
7	W6OU	4	38	0	106	27	320	104	253	63	216	350
8	W6VX	164	251	0	318	296	347	332	323	301	311	347
9	KR6C	130	145	0	229	191	315	234	281	193	203	344
10	N6HY	126	199	3	295	282	333	303	299	241	246	341
11	SM5GMZ	140	175	0	268	226	313	240	294	222	243	341
12	KM6HB	8	136	1	197	122	296	185	279	189	240	340
13	W6ZPL	3	107	0	169	11	305	167	263	113	215	335
14	AI6Z	14	182	0	241	247	284	256	275	255	248	333
15	N6MXU	26	39	0	144	57	267	123	202	75	193	329
16	NS6C	12	135	0	247	223	309	269	256	246	221	328
17	W6SW	0	8	0	15	3	247	8	138	2	80	326
18	K0OK	9	138	0	210	166	235	235	238	215	215	324
19	W6DR	80	106	0	198	97	280	102	236	63	196	323
20	AC6DX	28	132	1	253	146	305	234	253	218	272	318
21	NK6A	1	14	0	96	69	248	64	252	31	182	303
22	N6VNI	4	70	0	137	100	267	201	234	183	198	301
23	N6DHZ	3	93	1	104	9	239	117	174	89	208	295
24	N6GP	9	156	0	182	118	244	143	204	136	182	288
25	ZL3TE	21	61	0	209	154	245	144	212	120	174	288
26	K6IPV	40	66	0	129	153	188	215	174	179	169	285
27	SK5A	63	85	0	121	92	154	144	138	93	121	284
28	W6YOO	20	41	1	102	129	197	136	142	88	105	284
29	KT6LA	0	109	0	126	16	198	116	221	54	173	271
30	K7MY	0	11	0	68	28	192	126	180	93	129	267
31	K6SS	7	21	0	54	17	184	151	179	125	119	246
32	W6LEN	4	41	0	130	102	149	58	130	46	110	217
33	K6AFW	2	7	0	48	6	146	20	5	3	177	202
34	W6KC	0	3	0	103	0	132	1	146	2	141	195
35	K6DXA	0	0	0	0	0	1	1	0	0	175	175
36	K6DDJ	0	9	0	43	4	92	14	142	9	69	174
37	AD6LV	0	4	0	25	0	141	27	87	24	77	172
38	K7LA	1	6	1	14	0	74	39	109	37	50	155
39	W6QE	0	1	0	21	0	76	4	57	0	65	149
40	K6NQY	0	1	0	11	0	67	42	73	29	55	143
41	KK6FJQ	0	0	0	0	0	2	0	2	0	132	135
42	SM5X	14	19	0	28	18	41	48	41	13	13	123
43	N6DBF	0	9	0	32	8	72	20	57	30	57	117
44	K6DSW	1	1	0	35	0	67	12	45	9	79	117
45	K6MKL	0	0	0	12	0	58	3	48	3	27	115
46	ZM3T	0	0	0	2	0	91	0	61	0	57	111
47	N6RU	2	3	0	12	0	32	13	35	19	78	111
48	SG5Z	33	25	0	43	0	61	6	84	6	52	98
49	AI6DF	3	0	0	0	0	13	1	59	6	47	75
50	W6MPB	1	3	0	6	4	32	6	28	3	19	61

Get Schroeder Award Standings as of 01-25-16

Get Schroeder Award Standings are calculated by your entries in Club Log.

To learn how to use club log and enter your countries see

<http://www.scdxc.org/dx-standings.html>

1	N6QQ	0	0	0	41	24	50	25	73	14	14	114
2	ZL3TE	0	4	0	18	41	27	17	28	6	8	65
3	SG5Z	0	22	0	40	0	42	0	41	0	3	62
4	W8DX	1	2	0	18	4	8	3	4	6	1	32
5	K6IPV	2	0	0	1	8	3	10	4	4	1	27
6	W6SR	1	2	0	6	0	7	1	22	0	0	25
7	NS6C	1	2	0	6	3	9	5	5	2	1	17
8	N6VNI	0	2	0	4	0	8	1	7	1	2	16
9	K0OK	0	1	0	2	2	5	4	6	2	0	14
10	K7MY	0	1	0	2	0	4	0	10	0	5	12
11	K6DDJ	0	0	0	5	2	1	3	3	0	0	11
12	K6FG	3	1	0	1	1	2	1	8	0	0	10
13	NK6A	0	0	0	2	0	2	0	9	0	0	9
14	AC6DX	0	1	0	3	1	2	2	2	2	4	6
15	KM6HB	0	1	0	2	1	3	0	4	0	3	6
16	W6LEN	1	1	0	4	2	2	2	2	1	1	5
17	N6DBF	0	0	0	3	0	0	0	0	0	0	3
18	W6OU	1	0	0	1	1	2	1	2	1	0	2
19	K6DXA	0	0	0	1	0	2	0	1	0	1	2
20	W6SW	0	0	0	0	0	2	1	1	1	0	2
21	K6MKL	0	0	0	0	0	1	0	1	0	0	2
22	N6RU	0	0	0	0	0	1	0	0	0	1	2
23	KT6LA	0	0	0	0	0	0	0	0	1	0	1
24	KR6C	0	0	0	0	1	0	0	0	0	0	1
25	KK6FJQ	0	0	0	0	0	0	0	1	0	0	1

From the Editor

Hi Everyone, I hope that you are all doing well. I just wanted to say hi and let you know what will be needed for future issues of the Newsletter.

All submissions need to be in by the 20th of each month. Anything that comes in later than that will be in the following issue. Submissions should be submitted in the following formats. For articles MS Word or PDF. For photos JPEG is the best and a large size file is even better.

I am looking forward to getting articles from all of you. Remember this is your newsletter and if you have something you want to share with your fellow Hams, well, this is the place to do it.

You can submit your articles/photos to:
qcatgal@mac.com

Thank you
Sandi, N6CU



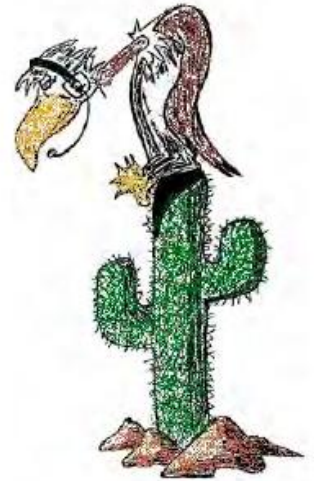
2016 SW Division Convention

Yuma Hamfest

Yuma, Arizona

Feb. 19 & 20, 2016

Yuma County Fairgrounds
2520 East 32nd Street, Yuma, Arizona



www.yumahamfest.org

Check the Website for Additional Information

Gates Open for Camping Thursday, 2 pm Vendor Setup Friday, 7 am - Noon	Event Hours Friday, Noon - 5 pm Saturday, 8 am - 5 pm	Hamfest Dinner & Grand Prize Drawing Saturday Night 6:00 - 8:00 pm
---	---	---

Vendors & Exhibitors
Consignment Sales
License Testing
Hourly Door Prizes
On-site RV Camping
Hamfest Dinner
ARRL Speaker
Transmitter Hunt
\$5.00 Admission

Tailgating (Swap Meet)
Full Seminar Schedule
DXCC Card Checking
Incredible Grand Prizes
Emergency Preparedness
Admission Prize
Hospitality Area
Near Space Balloon Launch
Antenna Clinic

Hamfest Talk-In Frequency: 146.840 (-) PL 88.5 Hz

Email Contact: info@yumahamfest.org



We are proud to have the Amateur Radio Council of Arizona (ARCA) as a sponsor of our event.

The Yuma Hamfest is an American Radio Relay League (ARRL) sanctioned event.



Presented by the Yuma Amateur Radio Hamfest Organization



Southern California DX Club, Inc.

Membership Renewal []

New Member Application []

Date _____

Name _____ Birthday (MM) _____ Call Sign _____

Spouses Name _____ Birthday (MM) _____ Call Sign _____

Mailing Address _____

City _____ State _____ Zip _____

Telephone Home: (_____) _____ - _____ [] Do not list in club directory

Work: (_____) _____ - _____ [] Do not list in club directory

E-mail: _____ [] Do not list in club directory or web site

Have you confirmed 40 CQ Zones? Not yet: [], Yes [], I have a WAZ certificate: [].

Spouse? Not yet: [], Yes [], Has a WAZ certificate: [].

Have you confirmed 100 Countries? Not yet: [], Yes [], I have a DXCC certificate: [].

Spouse? Not yet: [], Yes [], Has a DXCC certificate: [].

Are you an ARRL Member? No: [] Yes: [] Life: []

Renewal Membership, Full or Associate - \$24.00 USD Per Calendar Year (Jan – Dec)
(Additional Family Members \$6.00 USD ea)

Overseas / Supporting Membership - \$24.00 USD Per Calendar Year (Jan – Dec)

New Membership, All Types - \$2.00 Times the Number of Months Remaining in Year
(Example: Join in September, pay 4 x \$2.00 – Family Members @ additional 25%)

BADGES

Small: (1.5"H X 2"W) [] Medium: (2"H X 3"W) [] Large: (3"H X 3.75"W) []
\$12.00 USD ea including postage (to US addresses)

For badge shipping costs to overseas locations contact Mel Hughes, K6SY at k6sy@scdxc.org.

Make checks payable to Southern California DX Club or SCDXC

Mail Membership Fees and/or Badge Fees to:

Mel Hughes, K6SY, 28017 San Nicolas Dr., Rancho Palos Verdes, CA 90275

For club use only

Dues recvd by _____ Amt \$ _____ Date _____ Full Member []

QSLs verified by _____ Date _____ Associate Member []

DXCC _____ WAZ _____ Former Member _____ At-Large Member []

Notes: _____ Supporting Member []

February

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

	1	2	3	4	5	6
7	8	9	10	11 General Meeting 7:30pm	12	13
14 Valentine's Day 	15 Presidents' Day 	16	17	18 VE Testing 6:00pm	19 Yuma Hamfest	20 Yuma Hamfest International DX-CW
21 International DX-CW	22	23	24	25	26	27
28	29					

March

Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday

		1	2	3	4	5 International DX-Phone
6 International DX-Phone	7	8	9	10 General Meeting 7:30pm	11	12
13	14	15	16	17 St. Patricks Day  VE Testing 6:00pm	18	19
20	21	22	23	24	25	26
27	28	29	30	31		



Western Amateur Radio Association

NOW OFFERING AMATEUR RADIO VE TESTING SESSIONS

Contact V.E. George T. Jacob Jr. N6VNI

Phone Numbers: Home Phone: 562/691-7898 Cell Phone: 562/544-7373

Email: jac2247@gmail.com Or N6VNI@arri.net

**Sponsoring Club: N6ME Western Amateur Radio Association,
Fullerton, Ca. "WARA"**

Test site location:

La Habra Community Center.

101 W. La Habra Blvd., La Habra, CA 90631

Date and Times - Third Thursday of every month, @ 6 P.M. unless otherwise noted. Pre-Registration is requested and preferred. Walk-ins are welcome.

2016 TESTING SESSIONS

~~Thursday, January 21st, 2016 6 p.m.~~

Thursday, February 18th, 2016 6 p.m.

Thursday, March 17th, 2016 6 p.m.

Thursday, April 21st, 2016 6 p.m.

Thursday, May 19th, 2016 6 p.m.

Thursday, June 16th, 2016 6 p.m.

Thursday, July 21st, 2016 6 p.m.

Thursday, August 18th, 2016 6 p.m.

Thursday, September 15th, 2016 6 p.m.

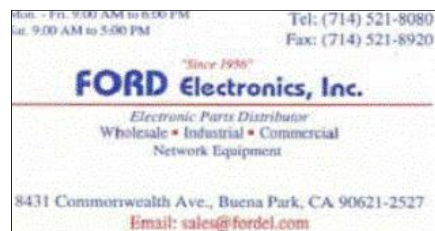
Thursday, October 20th, 2016 6 p.m.

Thursday, November 17th, 2016 6 p.m. (Subject to change per holiday schedule)

On Exam Day Bring the Following Items

- A legal photo ID (driver's license, passport) or Two forms of non-photo ID; e.g., birth certificate, social security card, library card, utility bill or other business correspondence with name of the examinee as it appears on the Form 605 and current mailing address.
- Your Social Security Number (SSN) or FCC-issued Federal Registration Number (FRN).
- If applicable, the original and a photocopy of your current Amateur Radio license and any Certificates of Successful Completion of Examination (CSCE) you may have from previous exam session. (Photocopies will not be returned.)
- Two number two pencils with erasers, and a pen.
- A calculator with memory erased and formulas cleared (no iPhones, iPads, etc.).
- Test Fee: \$15.00 (cash or check).

If you fail an element and wish to retake it, we are required to charge an additional test fee. If you pass an element, we typically offer and encourage you to take the next element. We do not charge an additional test fee for this and it gives you the opportunity to see what the next exam element is like!



Store	E-mail	Direct	Toll Free	Fax
Anaheim	ana@hamradio.com	1-714-533-7373	1-800-854-6046	1-714-533-9485
Burbank	bnk@hamradio.com	1-818-842-1786	1-800-854-6046	1-818-842-5283
San Diego	sd@hamradio.com	1-858-560-4900	1-800-854-6046	1-858-560-1705

The DX Store
No BS. Just good old fashioned customer service.

Heil PRO7 Simply The Best

Black
Red

Pink
Blue

Available in Four Colors

sales@dxstore.com
www.dxstore.com

Agoura PC Services

Jerry Lewine

1149 Oban Drive
Los Angeles, California 90065

(818) 451-9967

Jerry@AgouraPC.com

UES

Electrical Distribution Systems
Design & Installation

Urban E. Stiess - W6MPB
CBT, CBNT, CTO
CSLB# 842820 FCC# PG00010828

W6MPB@ATT.NET 323-295-5411

WU6D/K6VC K6YRA

Tower and Antenna
Installation and Service
By
Skip Bolnick, KJ6Y
Communications Service Co
22712 Califa St.
Woodland Hills, Ca. 91367
818-887-3569
KJ6Y@aol.com
<http://www.kj6v.com>

Specializing in Tri-Ex and US Towers
Over 35 years experience.

I've worked for many of the big "Dxer's and Small Pistols" in Southern California and around the country.
Contact me for your tower and antenna needs. Complete turnkey installations, tower, antenna and rotator service. Thank You.

W6FL N6TCZ

hamcity.com
The Wireless Communication Warehouse

Sales: *Local: (310) 390-8003 *FAX: (310) 390-4393
Email Support: sales@hamcity.com
Live Support via Instant Msg *AIM: hamcityim
*Yahoo hamcityim *MSN: